

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043534.D
 Acq On : 7 Nov 2019 00:01
 Operator : JU
 Sample : K5675-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519

Manual Integrations
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Sohil
 11/8/2019 3:29:58 PM

Quant Time: Nov 07 02:34:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	41241	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	149031	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	100427	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	223004	20.00	ng	0.00
76) Chrysene-d12	21.65	240	228514	20.00	ng	0.00
87) Perylene-d12	24.84	264	269379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	161348	71.69	ng	0.00
7) Phenol-d6	7.19	99	229067	70.74	ng	0.00
23) Nitrobenzene-d5	9.17	82	137285	47.49	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	109193	57.14	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	351036	48.30	ng	0.00
79) Terphenyl-d14	20.00	244	605876	49.74	ng	0.00
Target Compounds						
10) Phenol	7.22	94	6952	2.349	ng	79
50) Dimethylphthalate	14.09	163	64363	8.274	ng	# 95
71) Phenanthrene	17.43	178	36484	3.195	ng	98
75) Fluoranthene	19.44	202	177223	11.904	ng	97
78) Pyrene	19.80	202	167788	11.862	ng	98
81) Benzo(a)anthracene	21.63	228	94823	6.625	ng	97
83) Chrysene	21.70	228	87636	6.162	ng	97
86) Indeno(1,2,3-cd)pyrene	28.48	276	75577	4.233	ng	# 96
88) Benzo(b)fluoranthene	23.84	252	140077	9.181	ng	# 94
89) Benzo(k)fluoranthene	23.89	252	46220m	3.009	ng	
90) Benzo(a)pyrene	24.70	252	104616	7.181	ng	99
92) Benzo(a,h,i)perylene	29.60	276	71867m	4.889	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

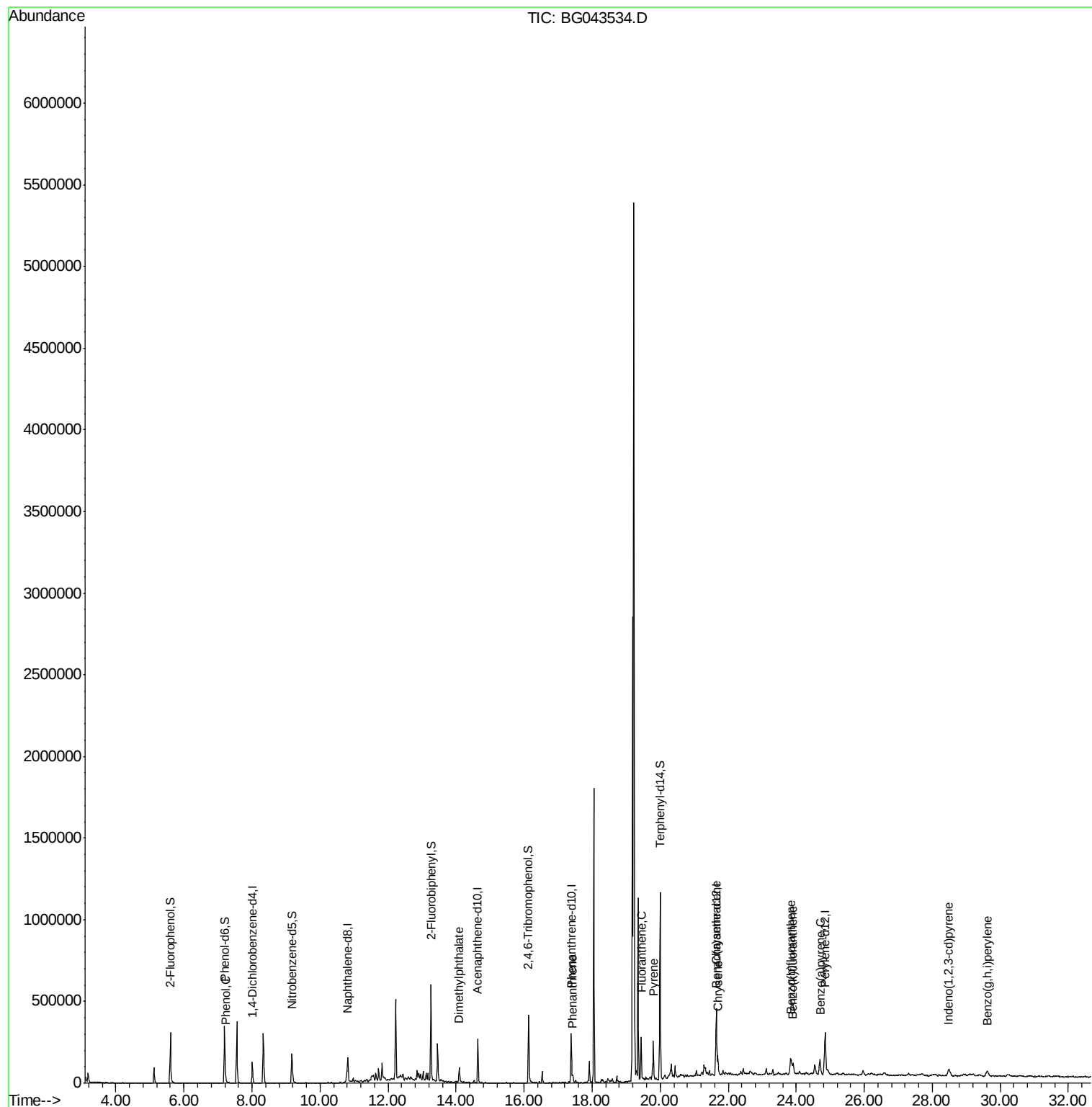
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043534.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

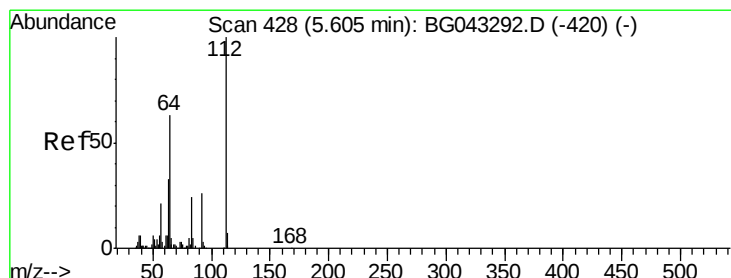
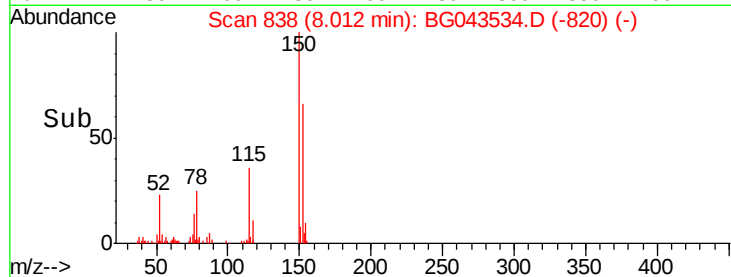
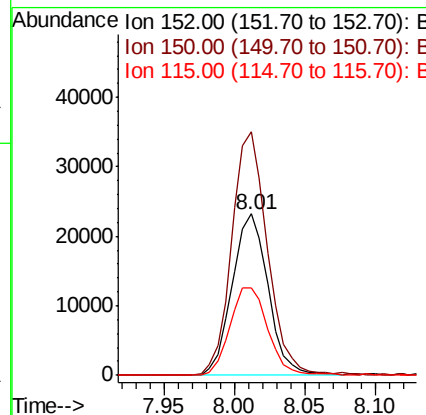
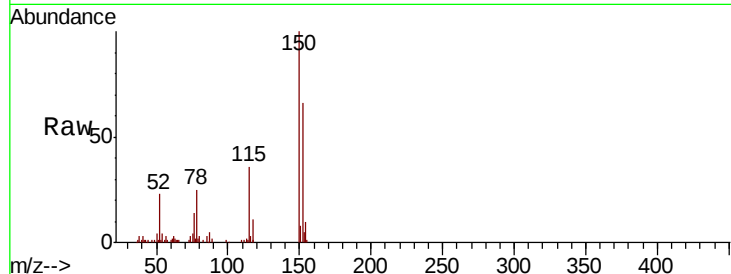
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Instrument :
BNA_G
ClientSampleId :
TR-05-110519

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	129.4	194.0
115	53.9	48.8	73.2

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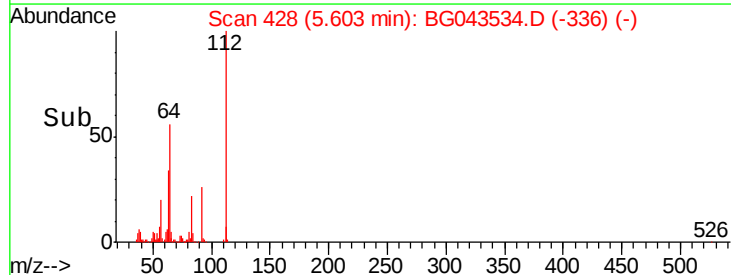
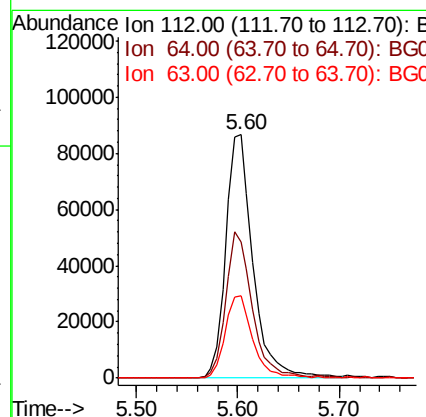
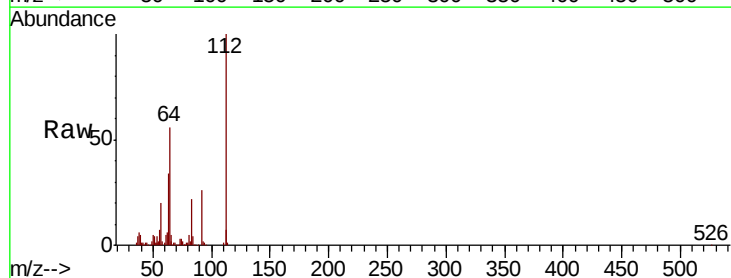
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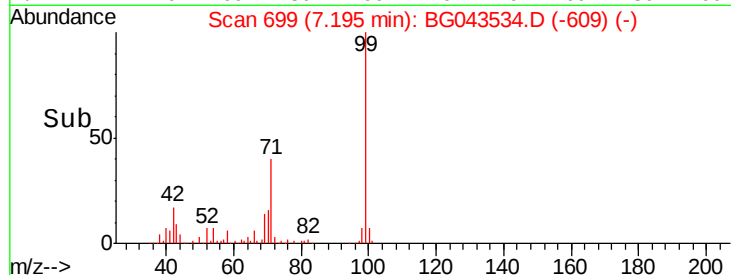
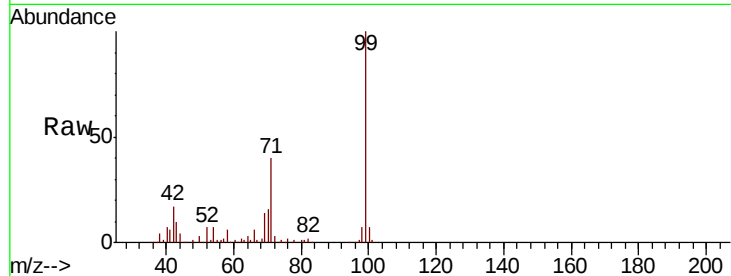


#5

2-Fluorophenol
Concen: 71.691 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	50.0	75.0
63	33.9	26.6	40.0





#7

Phenol-d6

Concen: 70.742 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043534.D

Acq: 7 Nov 2019 00:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		229067		
42	17.2	14.6	21.8		
71	40.2	32.5	48.7		

Instrument :

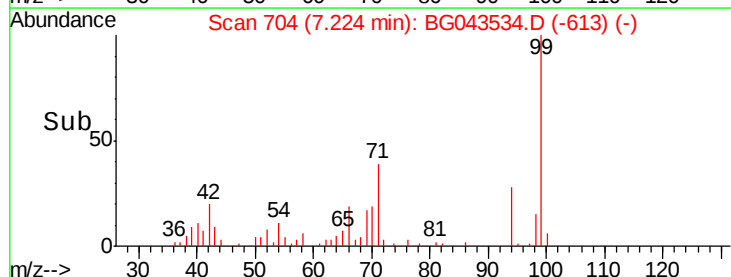
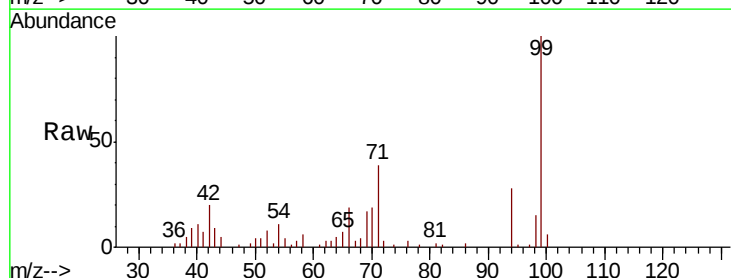
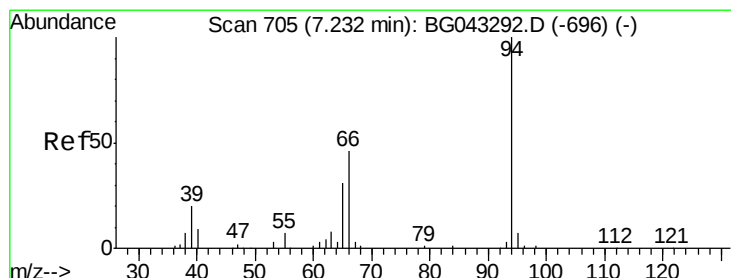
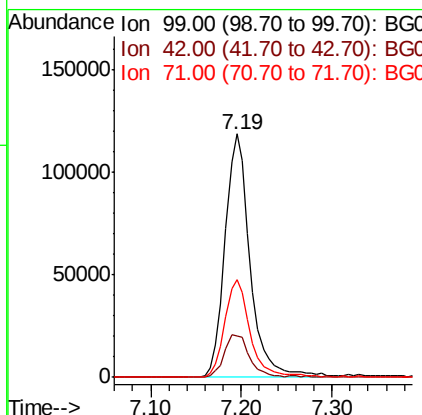
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ClientSampleId :

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#10

Phenol

Concen: 2.349 ng

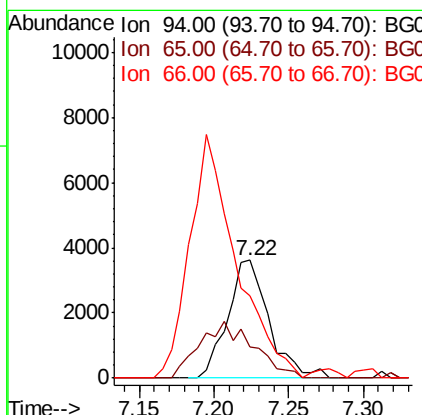
RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043534.D

Acq: 7 Nov 2019 00:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		6952		
65	26.4	12.6	52.6		
66	69.4	30.7	70.7		





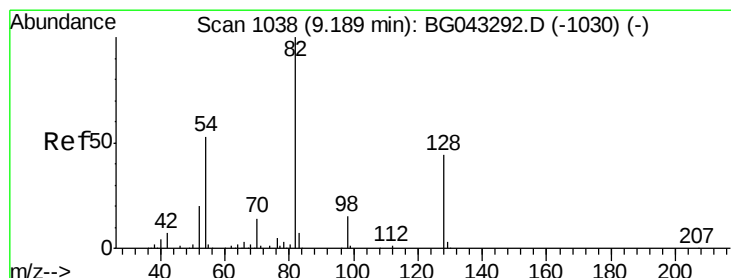
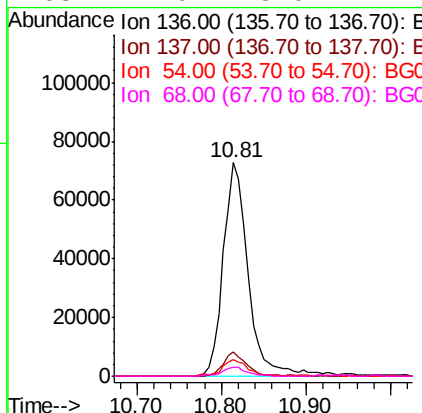
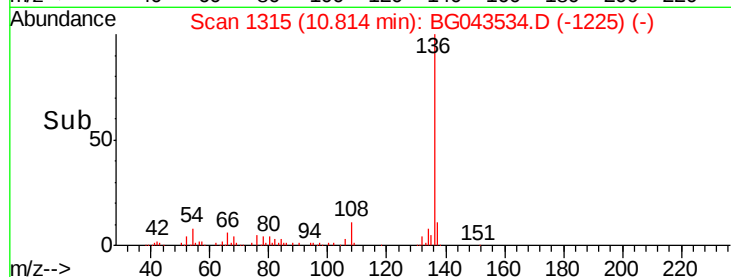
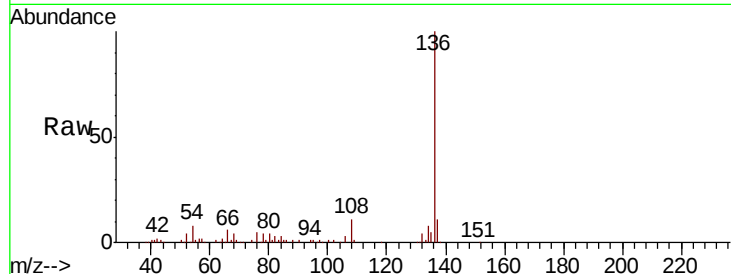
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Instrument :
BNA_G
ClientSampleId :
TR-05-110519

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		149031		
137	11.3	8.7	13.1		
54	7.6	5.4	8.2		
68	4.0	3.0	4.4		

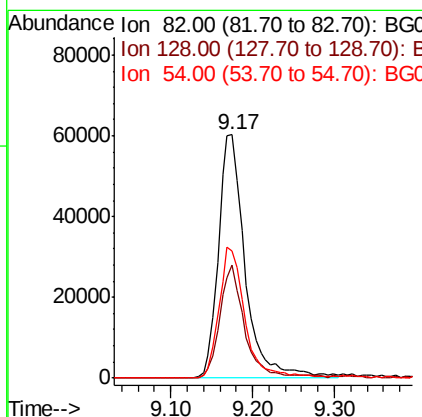
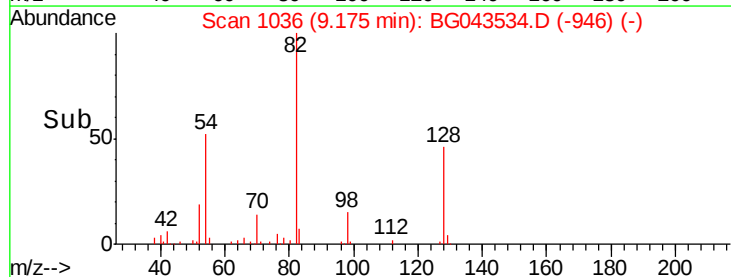
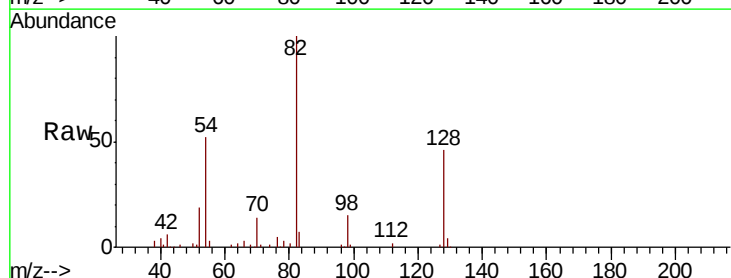
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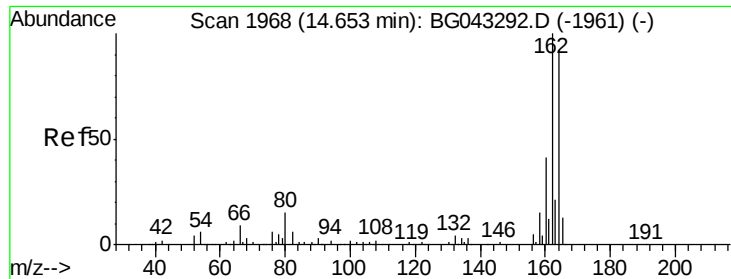
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#23
Nitrobenzene-d5
Concen: 47.491 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		137285		
128	46.3	35.0	52.6		
54	52.3	40.2	60.2		





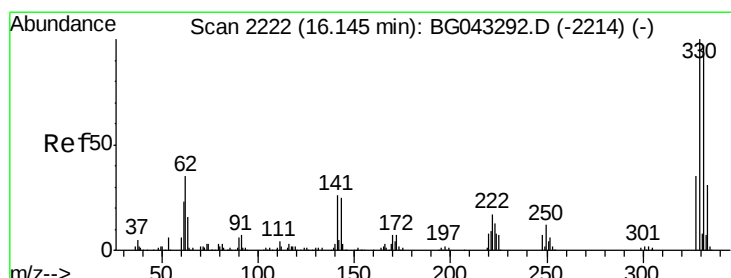
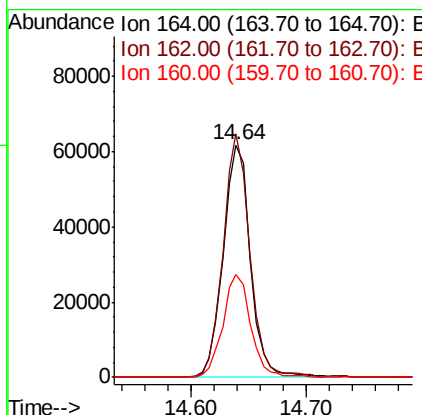
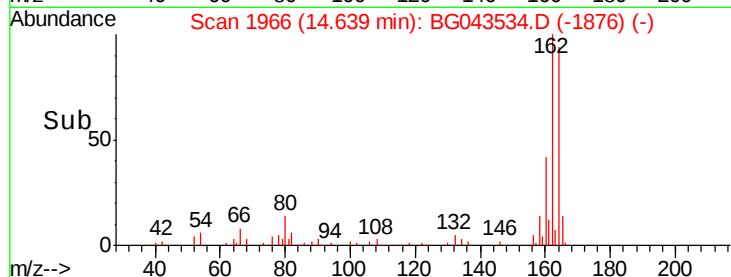
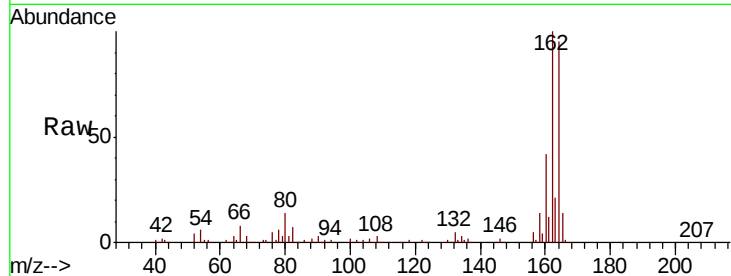
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Instrument :
BNA_G
ClientSampleId :
TR-05-110519

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.5	125.3
160	44.4	36.5	54.7

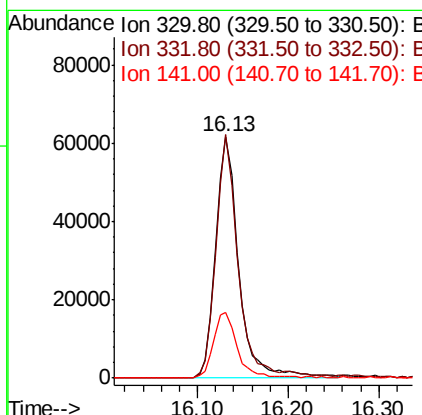
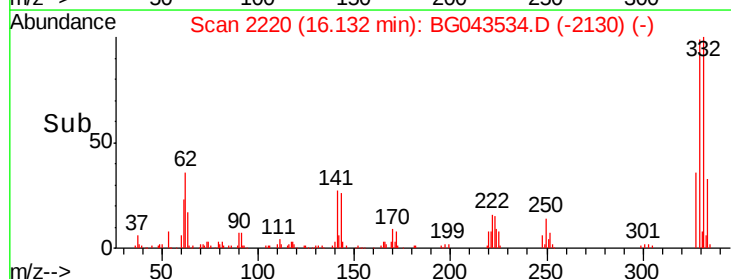
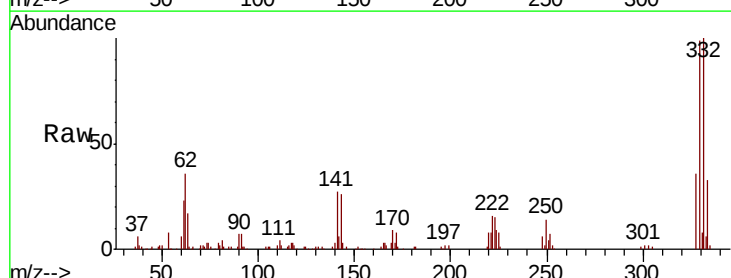
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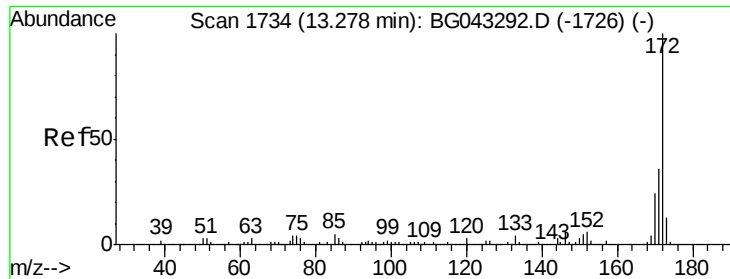
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#42
2,4,6-Tribromophenol
Concen: 57.135 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.4	116.0
141	28.0	22.8	34.2





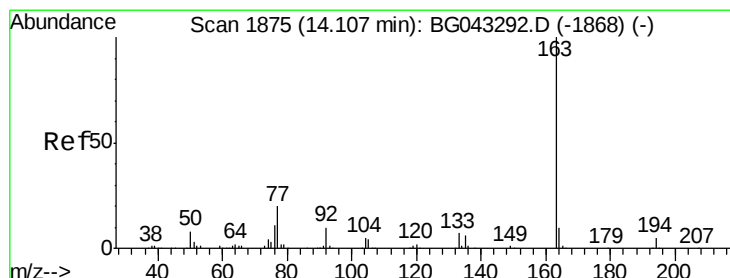
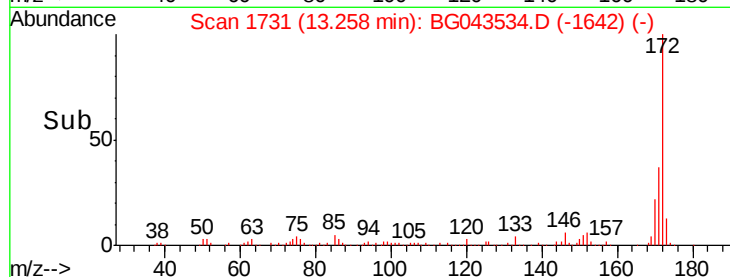
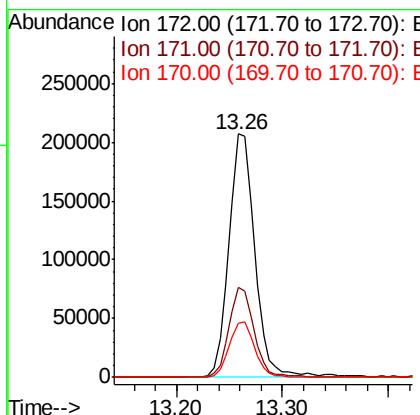
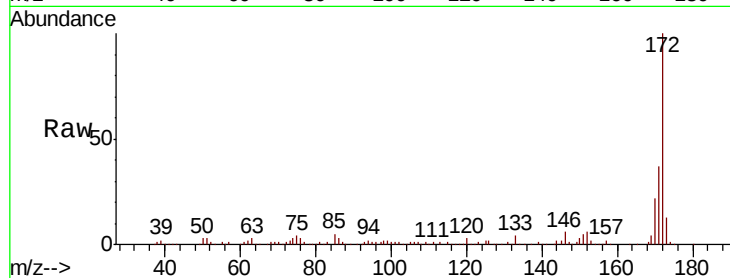
#45
2-Fluorobiphenyl
Concen: 48.300 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Instrument :
BNA_G
ClientSampled :
TR-05-110519

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	22.3	18.5	27.7

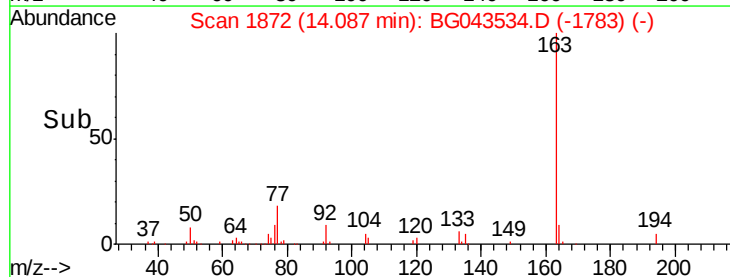
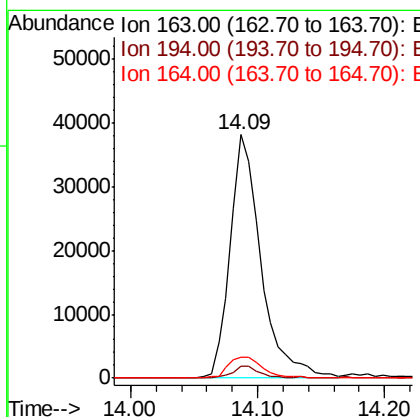
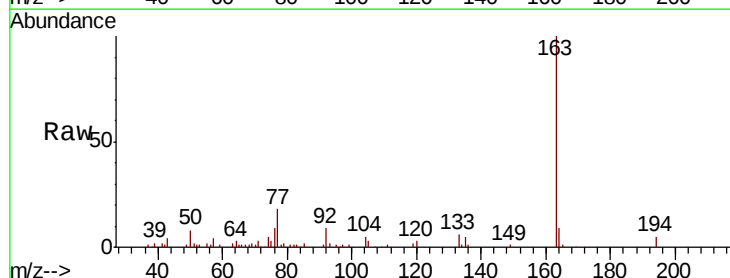
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#50
Dimethylphthalate
Concen: 8.274 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	8.5	8.9	13.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043534.D

Acq: 7 Nov 2019 00:01

Instrument :

BNA_G

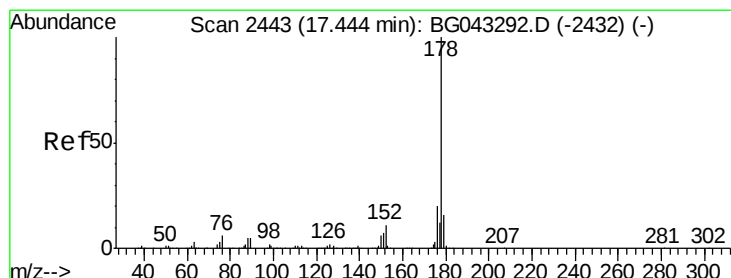
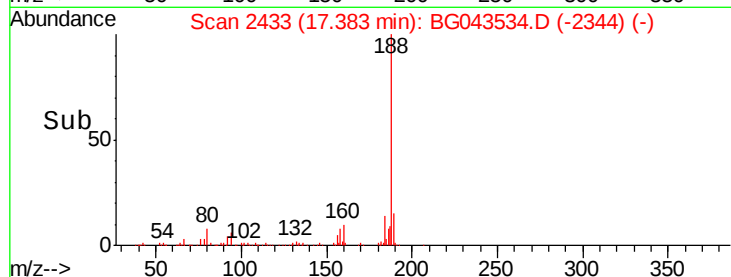
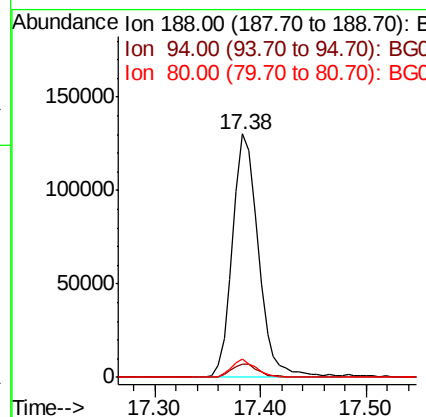
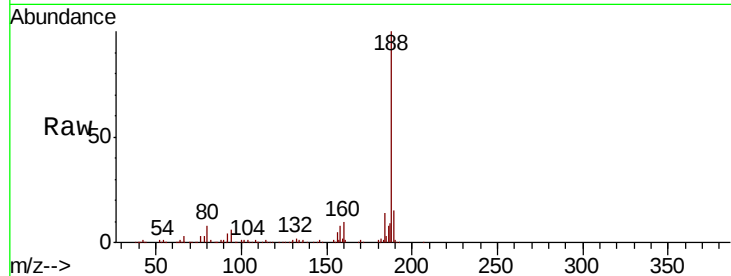
ClientSampleId :

TR-05-110519

Tot Ion:	188	Resp:	223004
Ion Ratio	Lower	Upper	
188	100		
94	5.5	4.2	6.4
80	7.5	4.5	6.7#

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#71

Phenanthrene

Concen: 3.195 ng

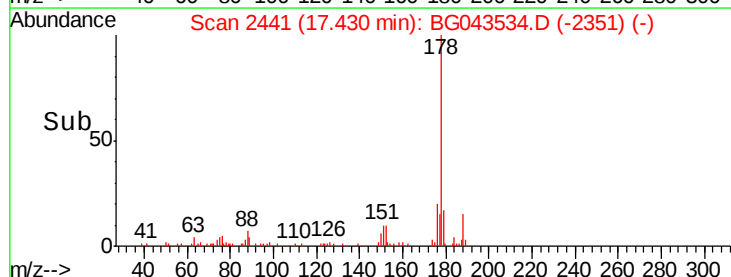
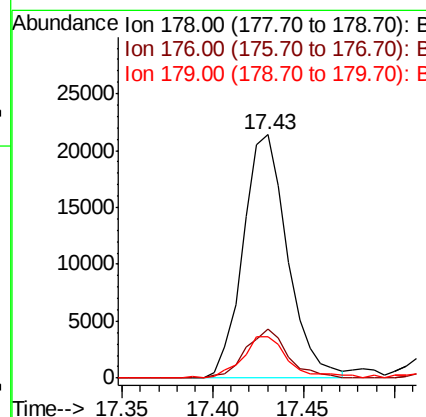
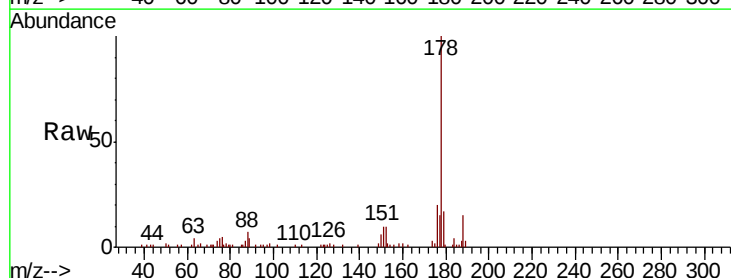
RT: 17.43 min Scan# 2441

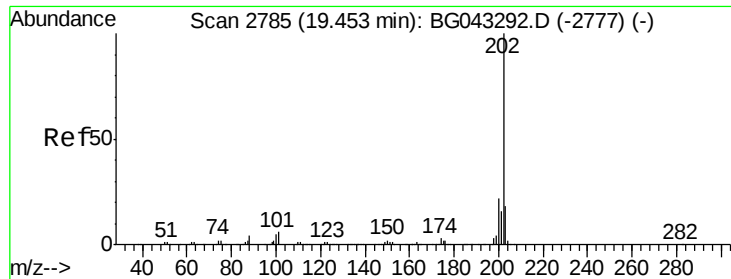
Delta R.T. -0.00 min

Lab File: BG043534.D

Acq: 7 Nov 2019 00:01

Tgt Ion:	178	Resp:	36484
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.4	23.0
179	17.1	13.0	19.6





#75

Fluoranthene

Concen: 11.904 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043534.D

Acq: 7 Nov 2019 00:01

Instrument :

BNA_G

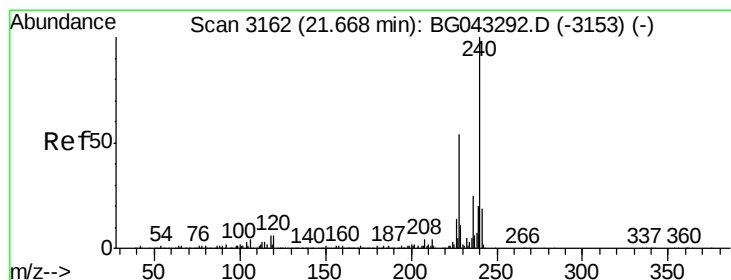
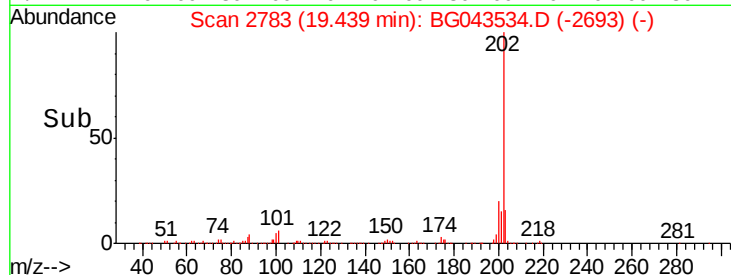
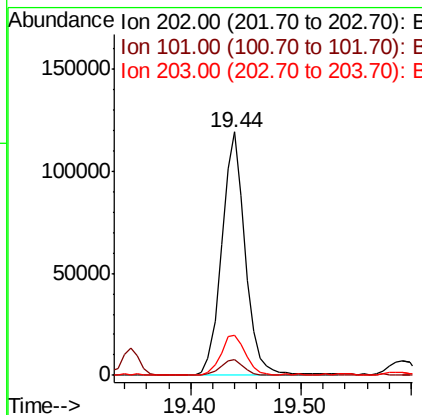
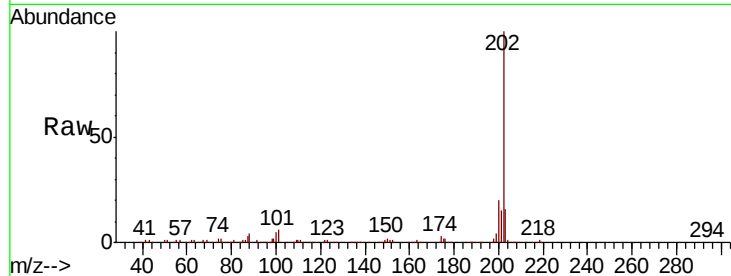
ClientSampleId :

TR-05-110519

Tot Ion:	202	Resp:	177223
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	26.3
203	16.4	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

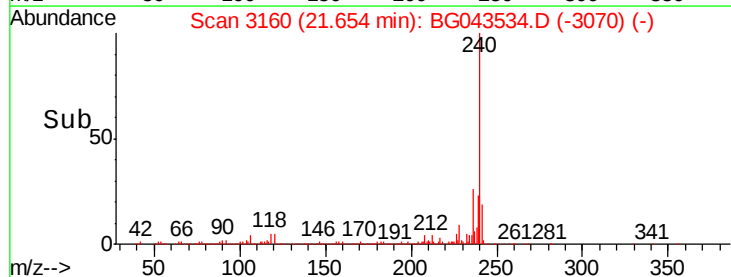
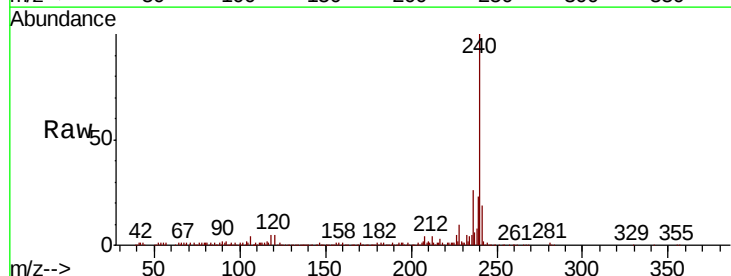
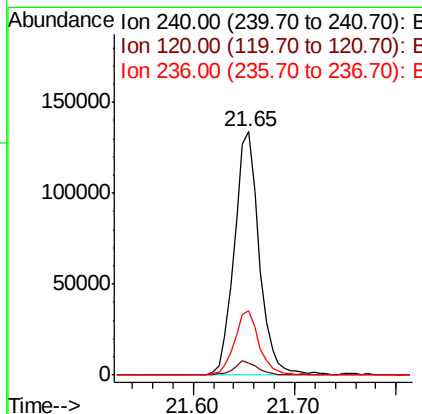
RT: 21.65 min Scan# 3160

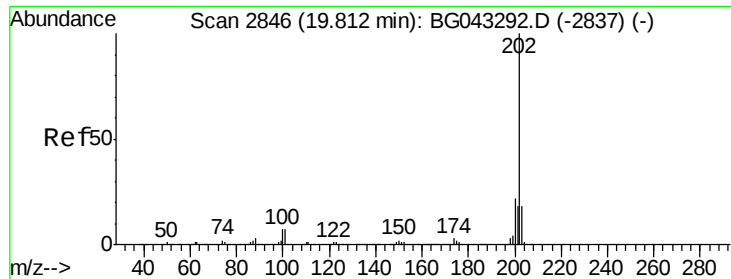
Delta R.T. -0.00 min

Lab File: BG043534.D

Acq: 7 Nov 2019 00:01

Tgt Ion:	240	Resp:	228514
Ion Ratio	Lower	Upper	
240	100		
120	5.1	4.6	6.8
236	26.4	19.8	29.8





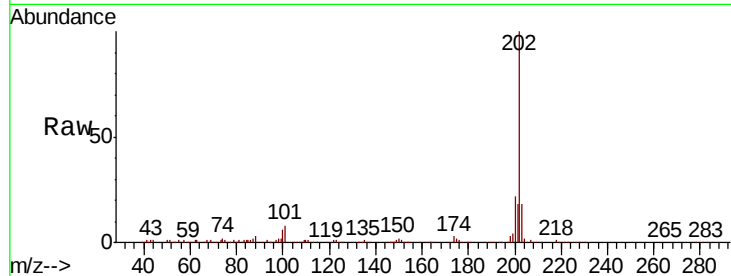
#78
Pvrene
Concen: 11.862 ng
RT: 19.80 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Instrument :
BNA_G
ClientSampleId :
TR-05-110519

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.0	25.4
203	17.7	14.7	22.1

Manual Integrations
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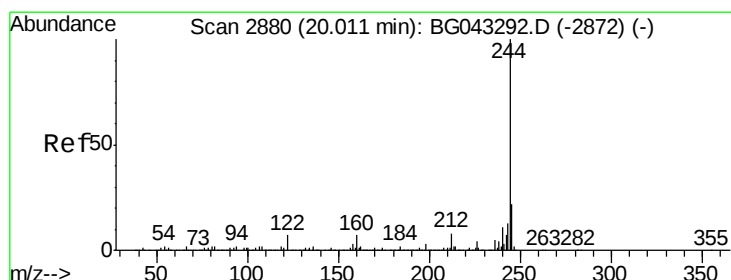
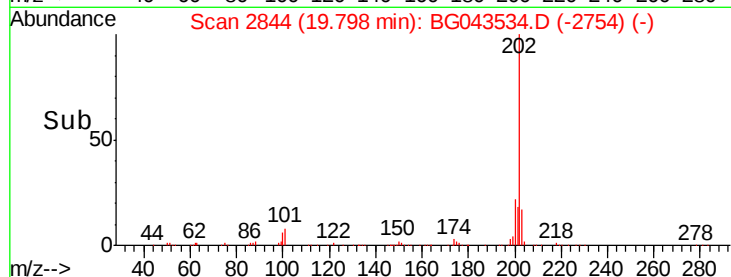
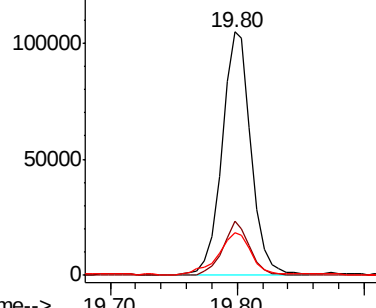


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 49.741 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

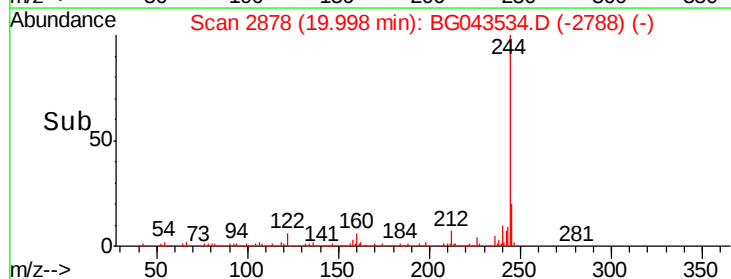
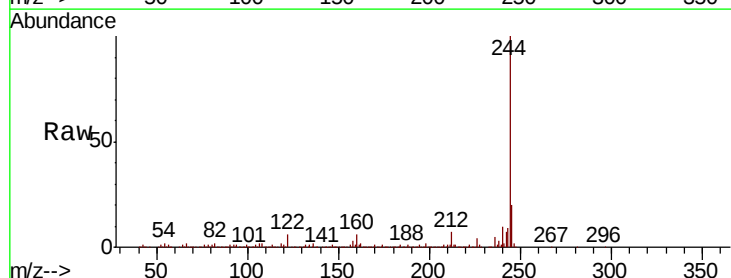
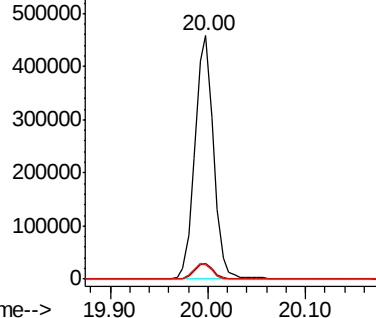
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	6.1	5.4	8.2

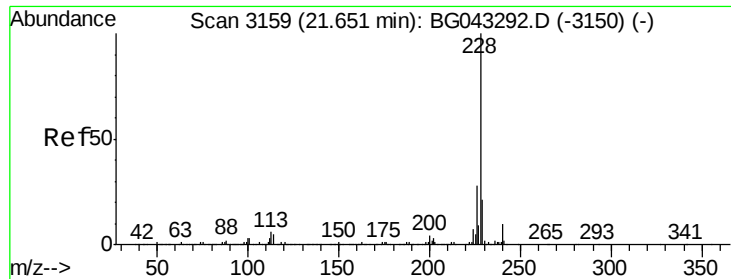
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 6.625 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043534.D

Acq: 7 Nov 2019 00:01

Instrument :

BNA_G

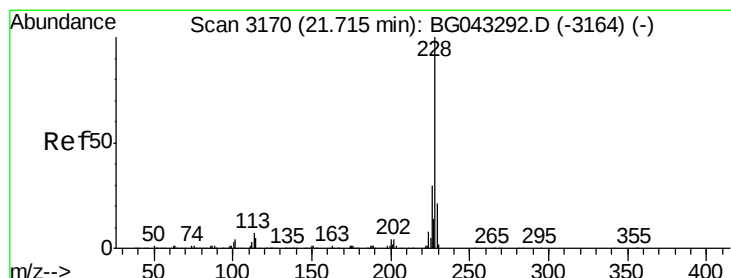
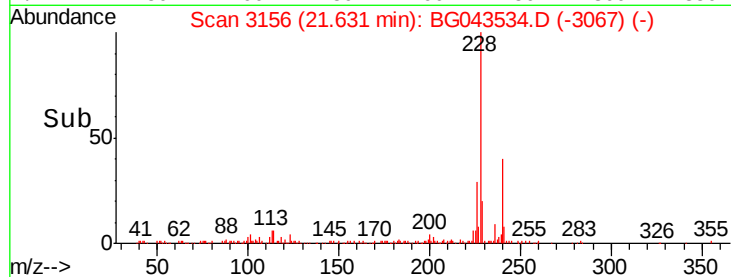
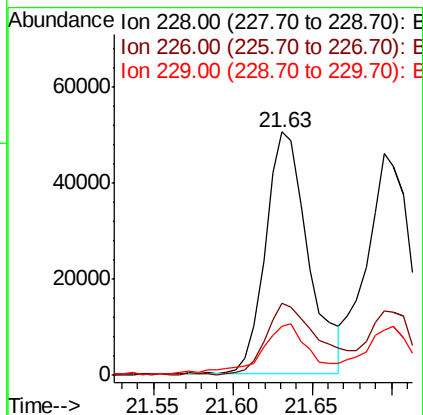
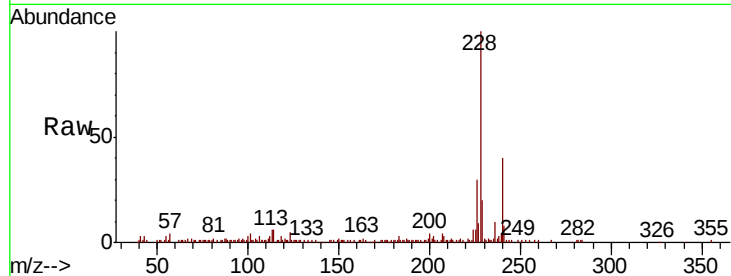
ClientSampleId :

TR-05-110519

Tot Ion:	228	Resp:	94823
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.2	33.2
229	20.3	17.0	25.4

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#83

Chrysene

Concen: 6.162 ng

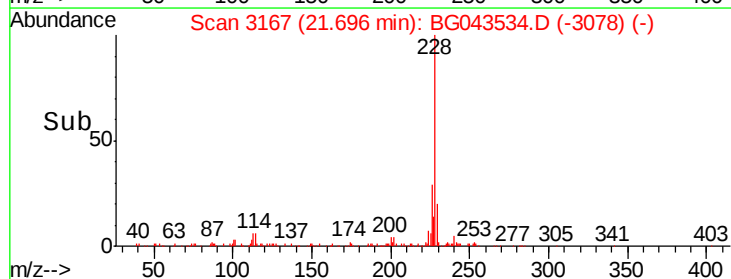
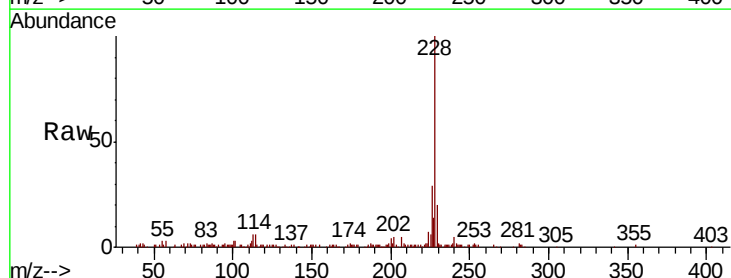
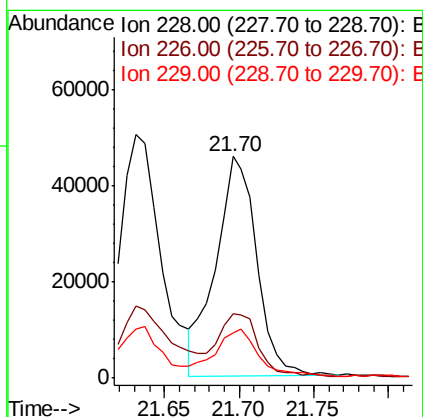
RT: 21.70 min Scan# 3167

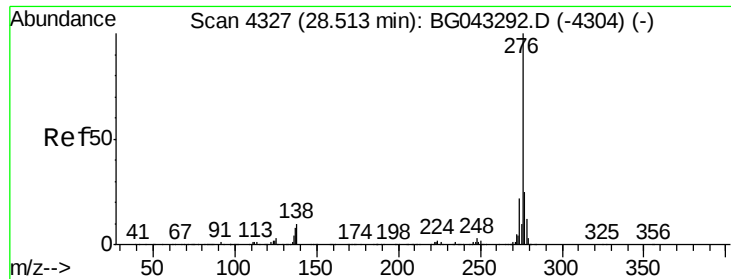
Delta R.T. -0.01 min

Lab File: BG043534.D

Acq: 7 Nov 2019 00:01

Tgt Ion:	228	Resp:	87636
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.1	37.7
229	20.5	17.0	25.4





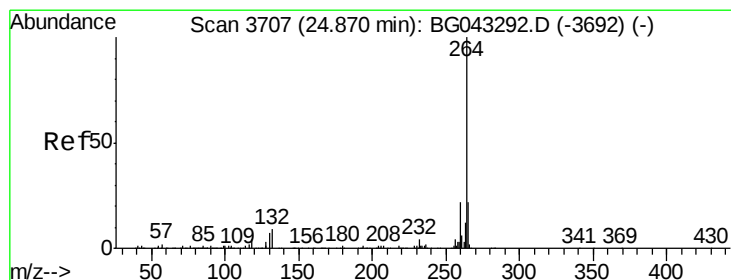
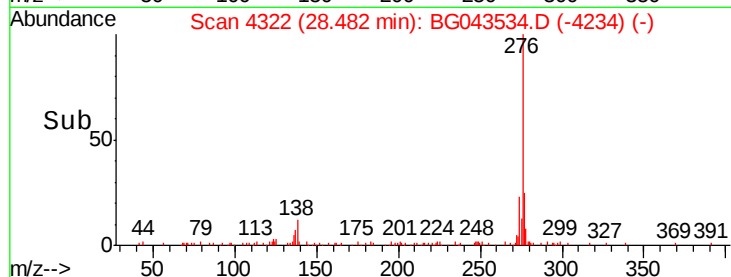
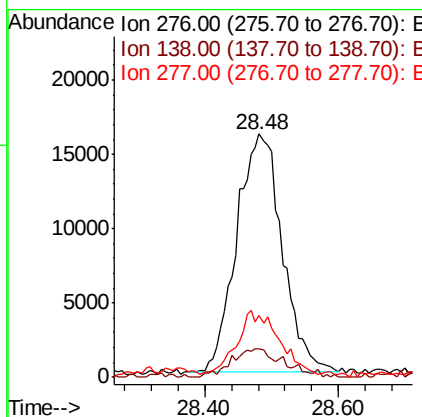
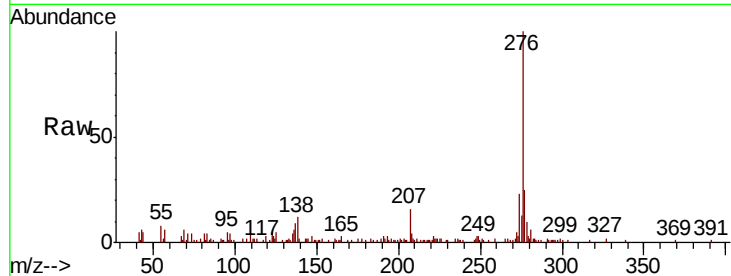
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.233 ng
 RT: 28.48 min Scan# 4322
 Delta R.T. -0.01 min
 Lab File: BG043534.D
 Acq: 7 Nov 2019 00:01

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-110519

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.2	6.8	10.2#
277	24.0	20.9	31.3

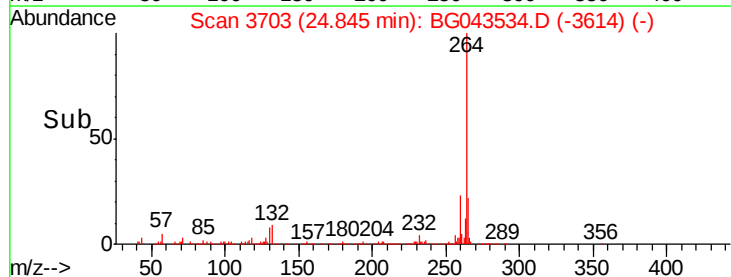
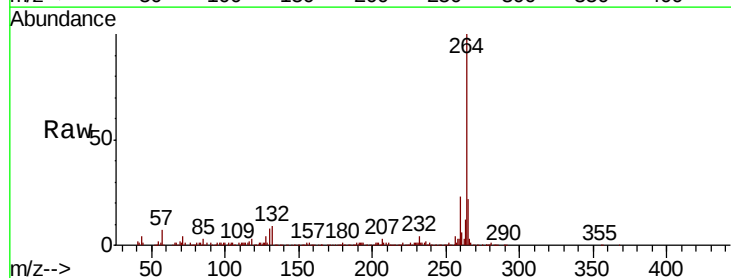
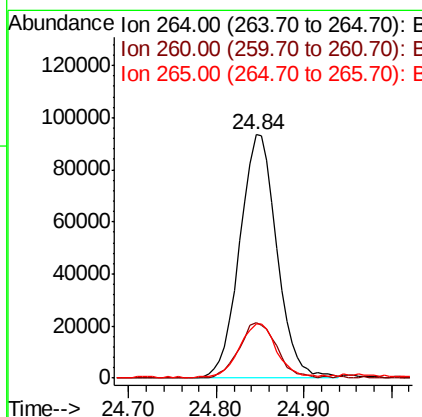
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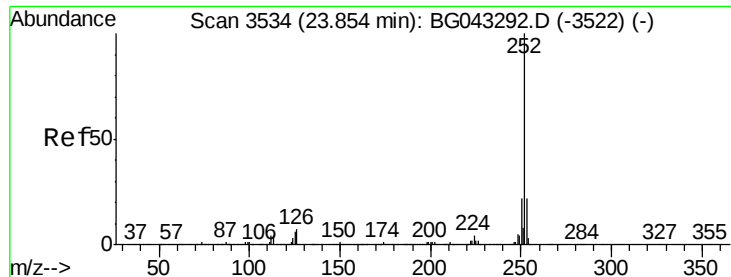
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3703
 Delta R.T. -0.01 min
 Lab File: BG043534.D
 Acq: 7 Nov 2019 00:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.5	26.3
265	22.1	17.4	26.0





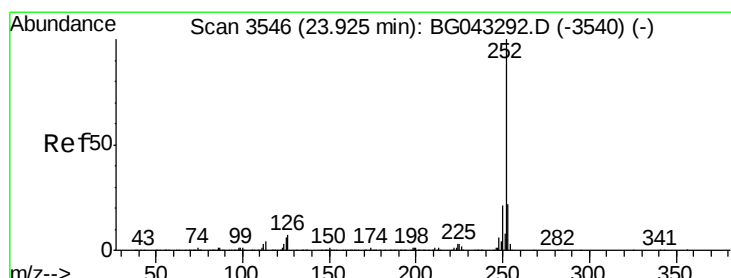
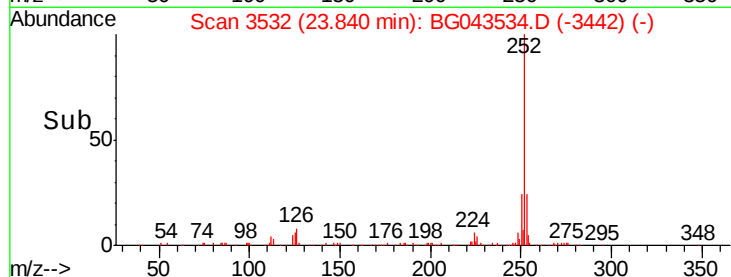
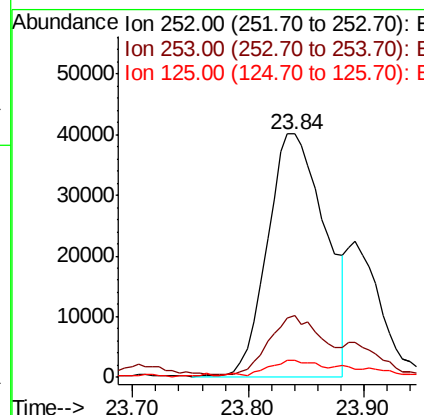
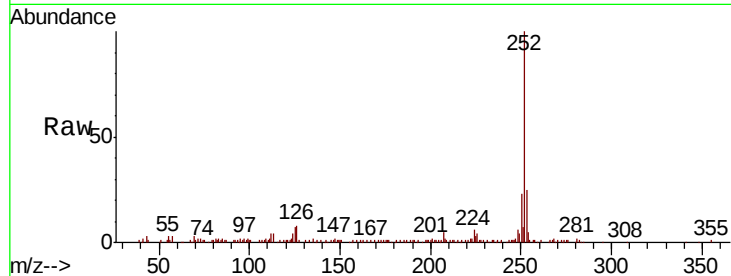
#88
Benzo(b)fluoranthene
Concen: 9.181 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Instrument :
BNA_G
ClientSampled :
TR-05-110519

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.7	26.5
125	6.8	4.5	6.7

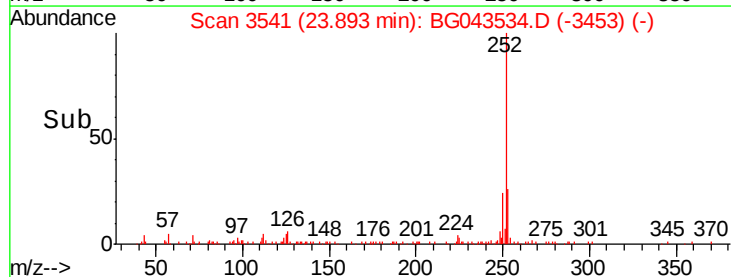
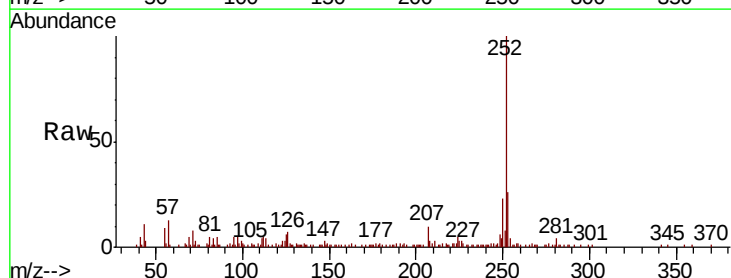
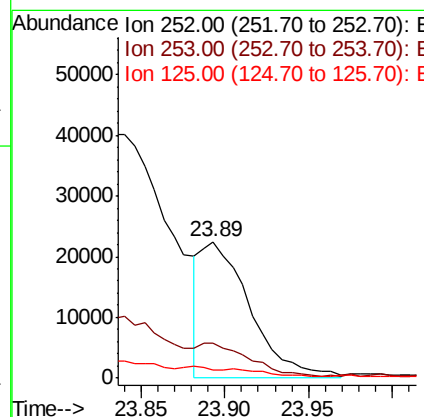
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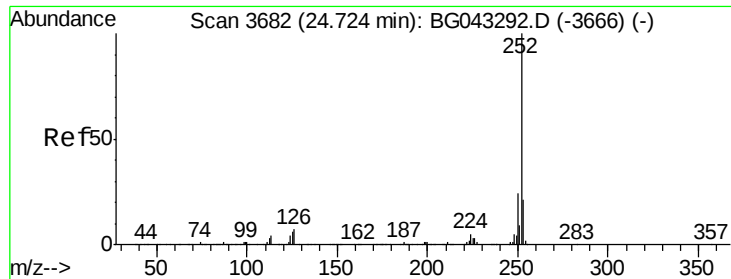
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#89
Benzo(k)fluoranthene
Concen: 3.009 ng m
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	5.8	4.6	6.8





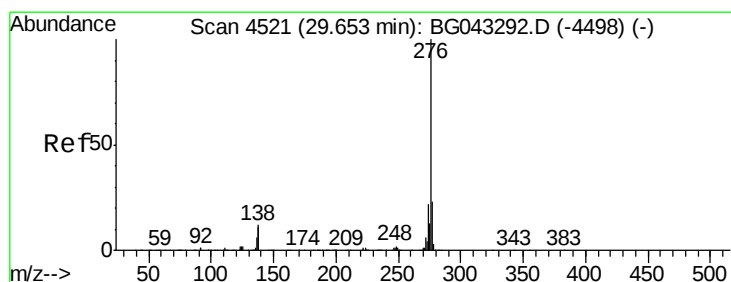
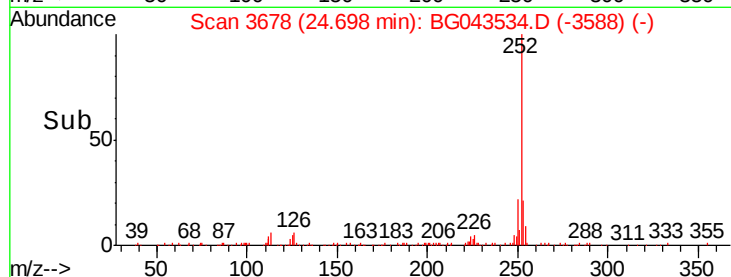
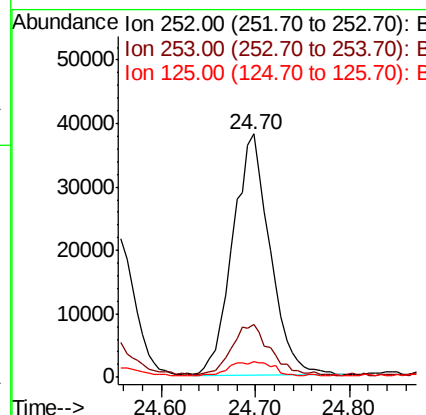
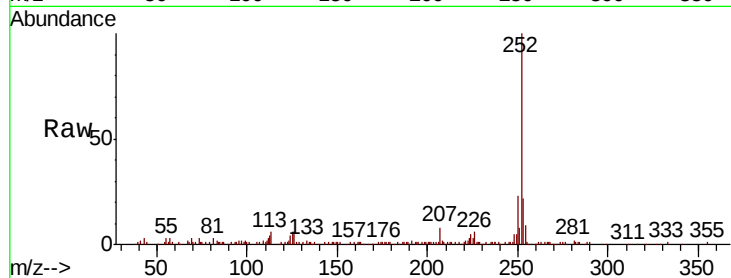
#90
Benzo(a)pyrene
Concen: 7.181 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Instrument :
BNA_G
ClientSampled :
TR-05-110519

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	6.2	5.4	8.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.889 ng m
RT: 29.60 min Scan# 4513
Delta R.T. -0.03 min
Lab File: BG043534.D
Acq: 7 Nov 2019 00:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.3	18.9	28.3
138	9.5	8.9	13.3

